

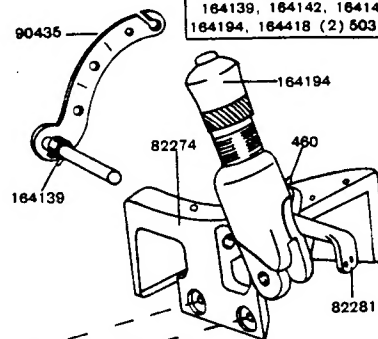
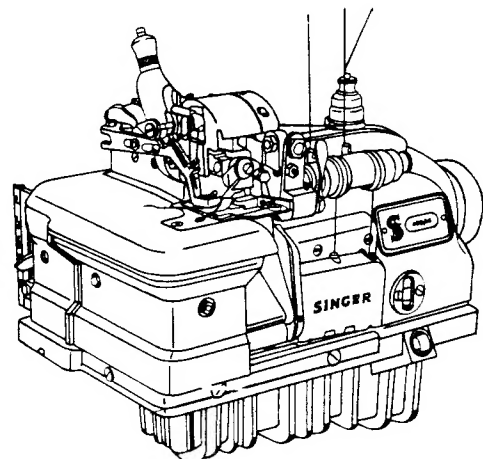
**MACHINE PARTS CHART**  
**for**  
**SINGER\***  
**460/16**

# SINGER

## 460/16

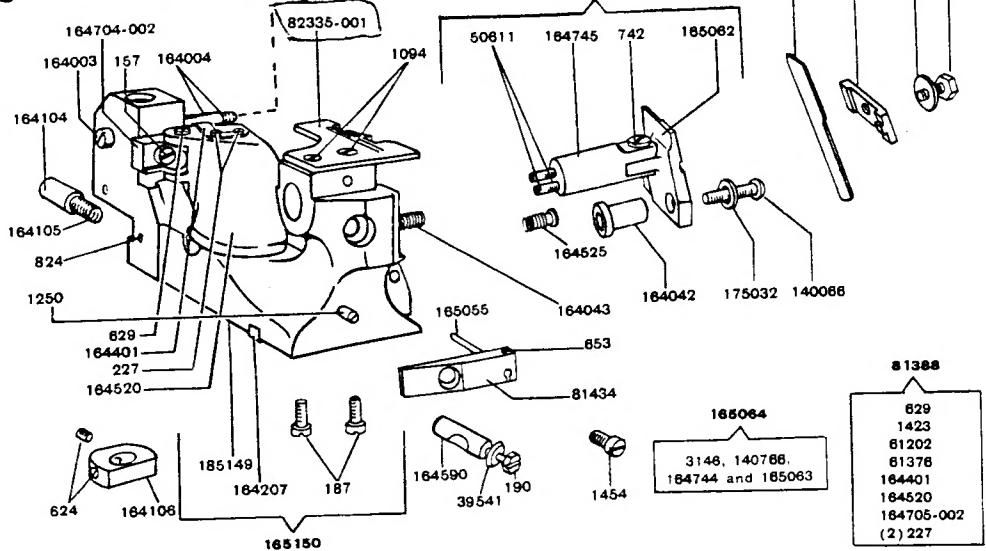
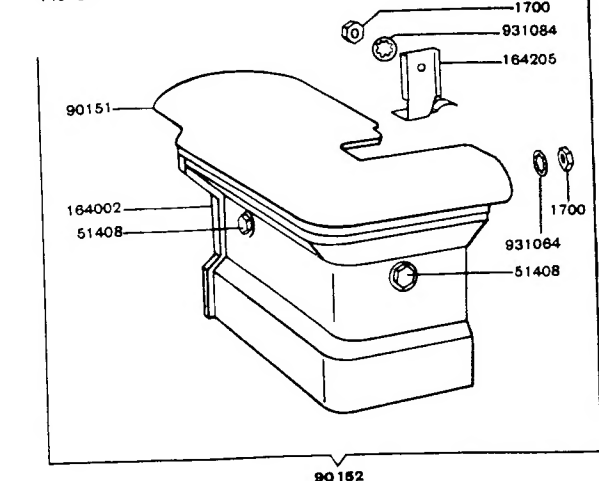
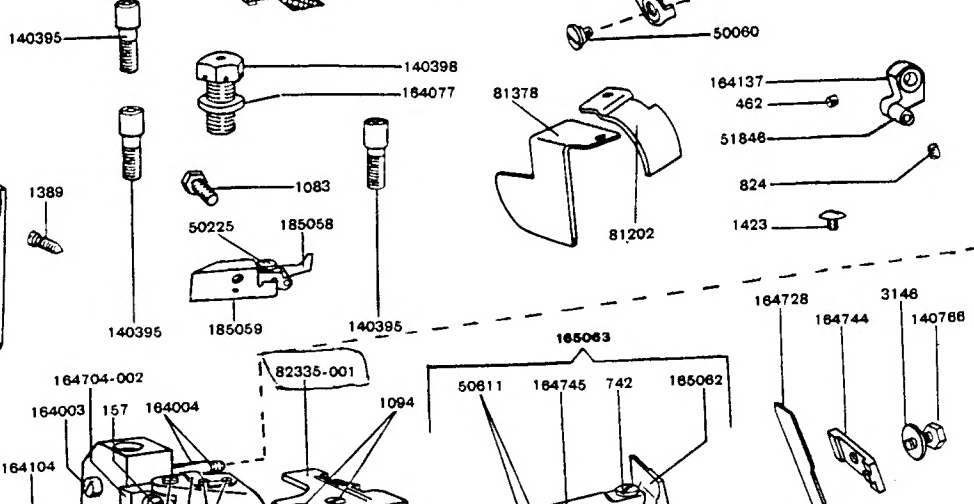
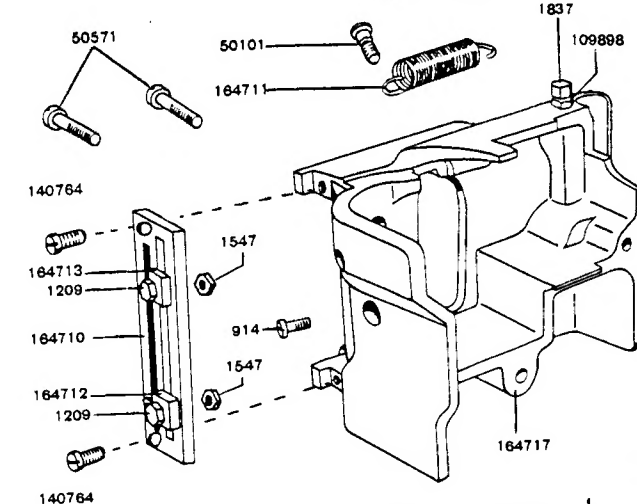
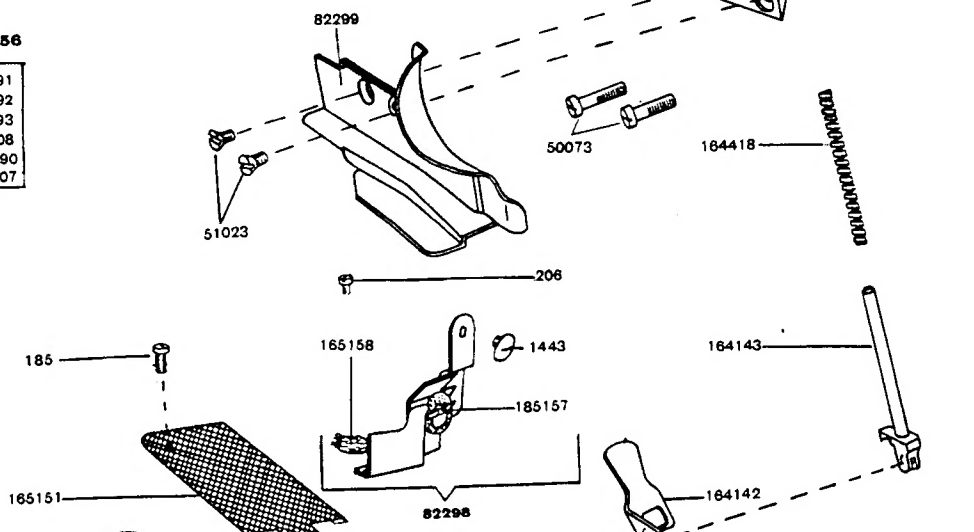
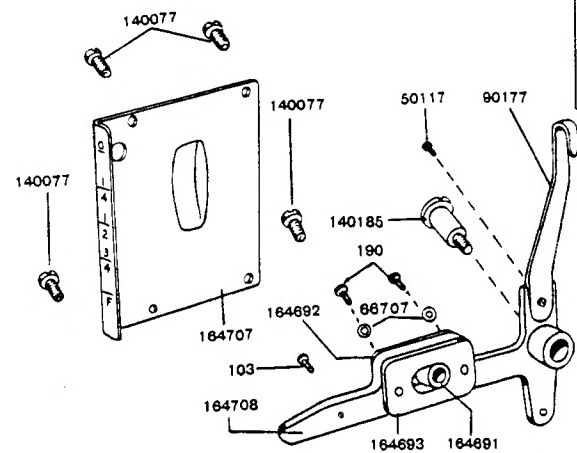
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50060, 82258, 82274, 82281,  
90435, 93929, 164137,  
164139, 164142, 164143,  
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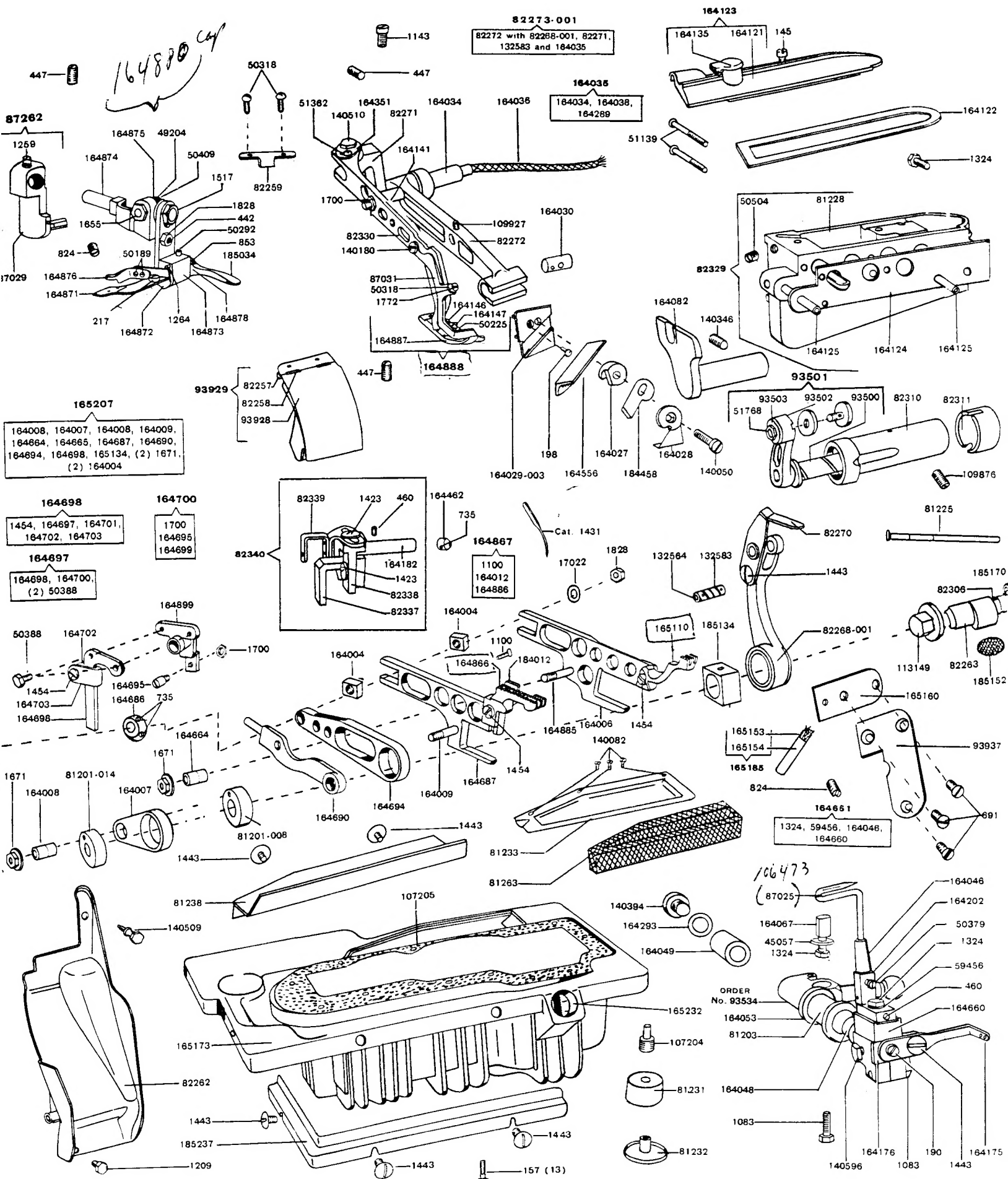
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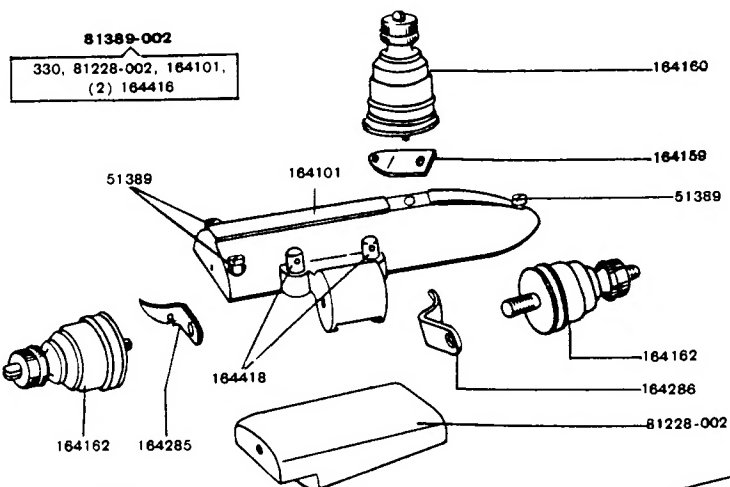
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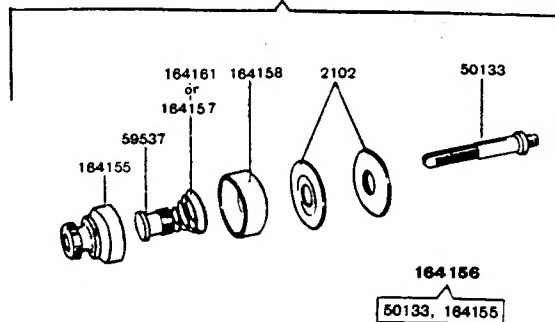


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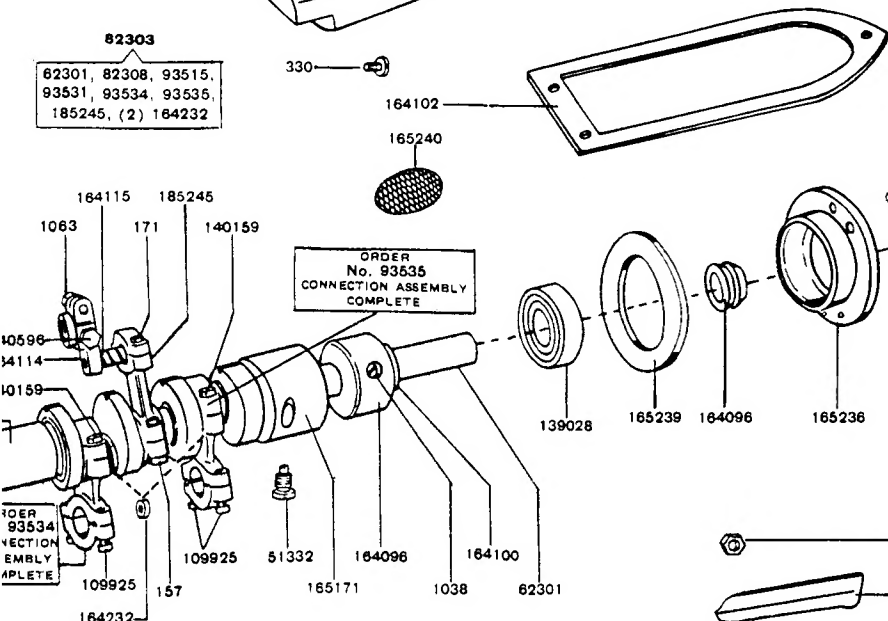


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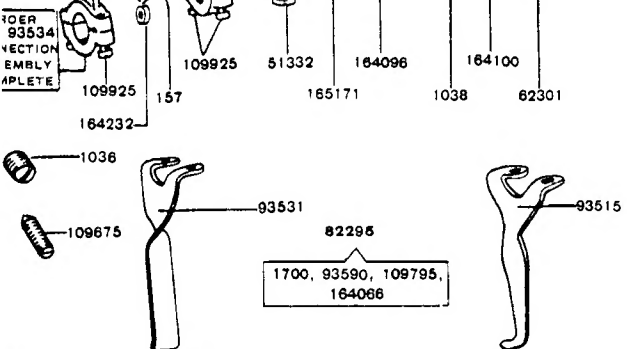


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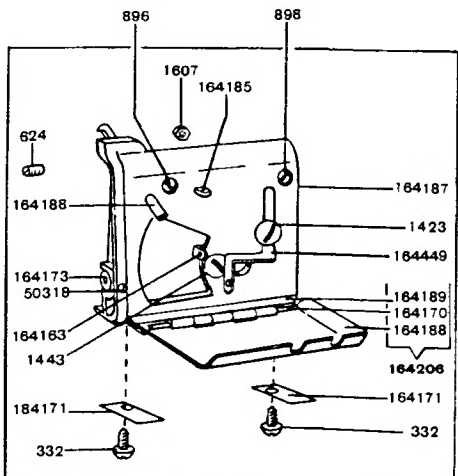
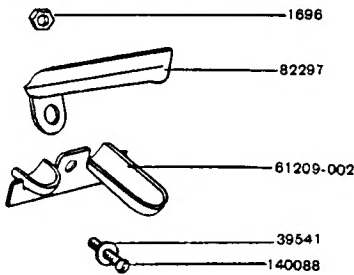


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CONNECTION ASSEMBLY  
COMPLETE

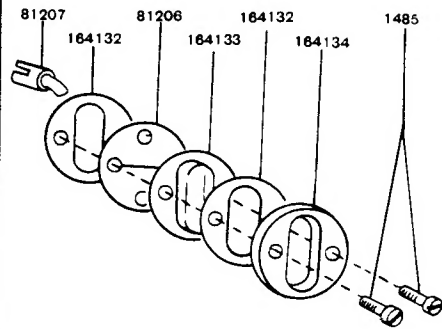


MUST BE ORDERED  
AS A UNIT  
No. 93590

82291, (2) 109927,  
(2) 165182-002



82333



# LIST OF PARTS FOR 460/16 MACHINE

Part No.	Description	Part No.	Description
103(819)	Gathering Device Lever and Indicator Chain Screw.	1324(809)	Oil Cooler Screw (short).
145(809)	Oil Cooler Cover Screw.	1389(830)	Feed Bar Hinge Pin Set Screw.
157(803)	Feed Eccentric Cover Bracket Screw.	1423(819)	Feed Eccentric Cover Bracket Oil Cover Screw.
157(803)	Oil Reservoir Screw.	1423	Knife (movable) Lever Guide and Needle Thread Bridge Bracket Screw.
157(830)	Needle Driving Shaft Crank Connection Cap (lower) Screw.	1423	Knife (movable) Lever Guide and Needle Thread Bridge Eyelet Screw.
171(830)	Needle Driving Shaft Crank Connection Cap (upper) Screw.	1423(809)	Thread (looper, right hand) Thread Eyelet Screw.
185(809)	Machine Frame Bracket Oil Screen Screw.	1443(809)	Machine Frame Oil Splash Guard (internal) Screw (top).
187(805)	Machine Frame Bracket Key Screw.	1443(809)	Thread (looper, right hand) Stripper and Take-up Eyelet (adjustable) Screw.
187(805)	Thread (looper, right hand) Stripper and Take-up Screw.	1443(809)	Thread (looper) Take-up Screw (upper).
190(805)	Knife (stationary) and Needle Guard Holder Adjusting Stud Cap Screw.	1443(809)	Thread (needle) Controller Screw.
190(805)	Thread (looper) Take-up Screw (lower).	1443(819)	Oil Reservoir Lint Dog (back) Clamping Screw.
190(819)	Feed (front) Dog Controlling Lever Ball Joint Position Screw.	1443(819)	Oil Reservoir Lint Guard (front) Clamping Screw.
198(809)	Knife (movable) Holder Screw.	1454(805)	Throat Plate Guide Screw.
206(809)	Machine Frame Oil Splash Guard (Internal) Screw (bottom).	1454(806)	Feed (back) Dog Screw.
217(809)	Gathering Plate (swing-up) Screw.	1454(806)	Feed (front) Dog Controlling Lever Segment Guide Adjusting Cam Roller Screw.
227(809)	Feed Eccentric Cover Latch Spring Screw.	1454(806)	Feed (front) Dog Screw.
330(809)	Machine Frame Top Cover Oil Lead Screw.	1485(809)	Machine Frame Oil Drip Sight Gauge Window Gasket Retainer Screw.
332(809)	Thread (looper) Plate Cover Spring Screw.	1517(809)	Gathering Plate (swing-up) Holder Housing Nut.
442(830)	Gathering Plate (swing-up) Holder Housing Stop Screw.	1547(819)	Gathering Device Lever and Indicator Stop (lower) Screw Nut.
442(830)	Looper (right hand) Carrier Connecting Link Adjusting Screw (front) Stop Screw.	1547(819)	Gathering Device Lever and Indicator Stop (upper) Screw Nut.
447(830)	Knife (movable) Lever Bearing Set Screw (long).	1607(809)	Thread (looper, right hand) Thread Eyelet stationary) Nut.
447(830)	Knife (movable) Lever Guide Holder Thread Tube Set Screw (machine frame end).	1628(803)	Feed Bar Slide Block (back) Nut.
447(830)	Knife (movable) Lever Hinge Stud Set Screw (back).	1628(809)	Looper (right hand) Carrier Connecting Link Adjusting Screw (front) Stop Screw Nut.
448(830)	Machine Pulley Set Screw.	1628(809)	Gathering Plate (swing-up) Holder Housing Stop Screw Nut.
460(830)	Gathering Plate (swing-up) Holder Housing Support Set Screw.	1637(810)	Presser Bar Lifting Lever Stop Screw Nut.
460(830)	Looper (left hand) Carrier Screw Set Screw.	1655(809)	Gathering Plate (swing-up) Holder Housing Support Hinge Screw Nut.
460	Knife (movable) Lever Guide Thread Tube Set Screw.	1671(803)	Feed (back) Bar Connection Hinge Screw Stud Nut.
460(830)	Thread Eyelet (needle thread) Set Screw.	1671(803)	Feed (front) Dog Controlling Lever Connection Hinge Screw Stud Nut.
462(830)	Presser Bar Lifting Bracket Set Screw (short).	1698(809)	Machine Frame Oil Lead Screw Nut.
624(830)	Cloth Plate Plunger Set Screw.	1700(809)	Cloth Plate Extension Screw Nut.
624(830)	Cloth Plate Position Collar Set Screw.	1700(809)	Cloth Plate Lock Spring Nut.
624(830)	Knife (movable) Lever Bearing Set Screw (short).	1700(809)	Cloth Plate Position Screw Nut.
624(830)	Machine Frame Oil Tube Set Screw.	1700(809)	Looper (right hand) Locking Screw Stud Nut.
624(830)	Presser Bar Lifting Bracket Set Screw (long).	1700(809)	Presser Bar (swing-out) Lifting Screw Stud Nut.
624(830)	Thread (Looper, right hand) Tube Set Screw.	1700(819)	Feed (front) Dog Controlling Lever Connection Stud Nut.
629(810)	Feed Eccentric Cover Hinge Screw.	1772(809)	Gathering Plate (swing-up) Lifter Adjusting Screw Nut.
691(803)	Machine Frame Wearing Plate Screw.	2102	Tension (heavy) Disc.
735(830)	Feed Bar Hinge Pin Collar Set Screw.	2102	Tension (light) Disc.
742(806)	Knife (stationary) and Needle Guard Holder Screw.	3146	Knife (stationary) Clamping Gib Screw Washer.
853(830)	Gathering Plate (swing-up) Lifting Lever Set Screw.	17022	Feed Bar Slide Block (back) Nut Washer.
853(830)	Looper (left hand) Thread Tube Set Screw.	17022	Thread (looper, right hand) Stripper and Take-up Screw Washer.
896(830)	Thread (looper) Plate Screw.	39541	Knife (stationary) and Needle Guard Holder Adjusting Stud Cap Screw Washer.
904(830)	Looper (right hand) Position Collar Set Screw.	39541	Machine Frame Oil Lead Screw Washer.
914(809)	Machine Frame Cover (back) Screw (short).	45057	Looper (left hand) Driving Shaft Crank Key Screw Washer.
1036(830)	Machine Frame Rotary Shaft Bushing (front) Set Screw.	45057	Looper (right hand) Driving Shaft Crank Key Screw Washer.
1036(830)	Machine Frame Rotary Shaft Counterbalance Set Screw.	49204	Gathering Plate (swing-up) Holder Housing Support Hinge Screw Friction Washer.
1083(803)	Looper (left hand) Carrier Holder Clamping Screw.	50060(810)	Presser Bar (swing-out) Opening Lever Hinge Screw.
1083(803)	Looper (left hand) Driving Shaft Crank Clamping Screw.	50073(809)	Knife (movable) Lever Cover and Presser Bar (upright) Housing Screw.
1083(803)	Looper (right hand) Driving Lever Clamping Screw.	50101(819)	Gathering Device Lever and Indicator Spring Screw.
1083(803)	Looper (right hand) Driving Shaft Crank Clamping Screw.	50113(819)	Gathering Device Lever and Indicator Extension Stop Screw (not illustrated).
1083(803)	Needle Driving Shaft Crank Clamping Screw.	50117(830)	Gathering Device Lever and Indicator Extension Screw.
1094(806)	Throat Plate Screw.	50133(803)	Tension (heavy) Screw Stud.
1100(830)	Feed (back) Dog Section (right) Screw.	50133(803)	Tension (light) Screw Stud.
1143(830)	Knife (movable) Lever Hinge Stud Set Screw (top).	50169(803)	Gathering Plate (swing-up) Lifter Screw.
1209(809)	Chip Guard Screw (lower).	50225(809)	Needle Guard Screw.
1209(819)	Gathering Device Lever and Indicator Stop (lower) Screw.	50225(809)	Presser Foot Clamping Plate Screw.
1209(819)	Gathering Device Lever and Indicator Stop (upper) Screw.	50292(803)	Gathering Plate (swing-up) Tension Spring Pressure Adjusting Head Set Screw.
1250(830)	Cloth Plate Lock Spring Screw Stud.	50318(809)	Gathering Plate (swing-up) Lifter Adjusting Screw.
1259	Knife (movable) Lever Bearing and Attachment Bracket Screw.	50318(809)	Knife (movable) Hinged Cover Screw.
1264(803)	Gathering Plate (swing-up) Holder Stop Screw.	50318(818)	Thread (looper) Plate Thread Bushing Screw.
1324(803)	Looper (left hand) Carrier Screw.	50379(806)	Looper (left hand) Set Screw.
1324(803)	Looper (left hand) Driving Shaft Crank Key Screw.	50388(830)	Feed (front) Dog Controlling Lever Segment Screw.
1324(803)	Looper (right hand) Driving Shaft Crank Key Screw.	50409(803)	Gathering Plate (swing-up) Holder Housing Support Hinge Screw.

# LIST OF PARTS FOR 460/16 MACHINE

Part No.	Description	Part No.	Description
50504(830)	Oil Cooler Plug Screw.	82335-001	Throat Plate.
50571(809)	Machine Frame Cover (back) Screw (long).	82337	Knife (movable) Lever Guide.
50611(803)	Knife (stationary) and Needle Guard Holder Position Screw.	82338	Knife (movable) Lever Guide and Needle Thread Bridge Bracket.
51023(818)	Machine Frame Oil Splash Guard (top) Screw.	82339	Knife (movable) Lever Guide and Needle Thread Eyelet.
51139(809)	Oil Cooler Screw (long).	82340	Knife (movable) Lever Guide 82337 with 460, 82338, 82339, 164182 and two 1423.
51332(803)	Machine Frame Rotary Shaft Bushing (intermediate) Set Screw.	87025	Looper (left hand).
51362(830)	Presser Bar (swing-out) Pivot Screw	87027	Looper (right hand).
51369(803)	Locking Plate Screw.	87029	Knife (movable) Lever Bearing and Attachment Bracket.
51369(809)	Machine Frame Rotary Shaft Ball Bearing Housing Screw.	87031	Gathering Plate (swing-up) Lifter Lever (adjustable) with 1772(809) and 50318(809).
51408(830)	Machine Frame Top Cover Screw.	87032	Gathering Plate (swing-up) with Holder, Holder Housing and Housing Support complete (not illustrated).
51408(830)	Cloth Plate Extension Screw.	87262	Knife (movable) Lever Bearing and Attachment Bracket 87029 with 1259.
51408(830)	Cloth Plate Position Screw.	90151	Cloth Plate.
51768(803)	Needle Clamping Nut.	90152	Cloth Plate with Extension Complete, Nos. 90151, 164002, 164205, two 931084, three 1700(809) and 51408(830).
51846	Presser Bar Lifting Bracket Roller and Stud.	90177	Gathering Device Lever and Indicator Extension.
59456	Looper (left hand) Carrier Screw Washer.	90178	Machine Frame Cover (back) 164718-002 with 103(819), 50101(819), 50117(830), 90177, 140185(819), 164710, 164711, 164712, 164713, 164856, two each 1209(819), 1547(819) and 140764(819) (not illustrated).
59537	Tension (heavy) Spring Bushing.	90435	Presser Bar Lifting Lever.
59537	Tension (light) Spring Bushing.	93500	Needle Driving Shaft with 93505.
66707	Feed (front) Dog Controlling Lever Ball Joint Position Screw Washer.	93501	Needle Driving Shaft 93500 with 51768(803), 93502 and 93503.
81201-006	Feed (front) Eccentric (6 stitches to the inch).	93502	Needle Holder Washer.
81201-014	Feed (back) Eccentric (14 stitches to the inch).	93503	Needle Holder.
81202	Feed Eccentric Cover Bracket Oil Cover.	93505	Needle Stop Pin (not illustrated).
81203	Looper (left hand) Driving Shaft Bushing (front).	93515	Oil Agitator (right hand).
81204	Looper (right hand) Driving Shaft Bushing (front).	93531	Oil Agitator (left hand).
81206	Machine Frame Oil Drip Sight Gauge.	93534	Looper (Left Hand) Driving Shaft Crank Connection with two each 109925(830) and 140159(830).
81207	Machine Frame Oil Drip Sight Gauge Tube and Support.	93535	Looper (Right Hand) Driving Shaft Crank Connection with two each 109925(830) and 140159(830).
81209-002	Machine Frame Oil Lead Tube Support complete.	93590	Looper (right hand) Four-Bar Linkage Mechanism.
81225	Machine Frame Rotary Shaft Oil Metering Pin (internal).	93928	Knife (movable) Hinged Cover.
81226-002	Machine Frame Top Cover Oil Lead.	93929	Knife (movable) Hinged Cover 93928 with 82256 and 82257.
81228	Oil Cooler.	93937	Machine Frame Wearing Plate.
81231	Machine Cushion (large).	107204	Oil Reservoir Drain Plug (magnetic).
81232	Machine Mounting Post.	107205	Oil Reservoir Gasket.
81233	Oil Reservoir Sump Screen Cover.	109795(803)	Looper (right hand) Carrier Connecting Link Adjusting Screw (front).
81238	Oil Reservoir Lint Guard (back).	109796(803)	Looper (right hand) Carrier Connecting Link Adjusting Sleeve Cap Screw (back).
81263	Oil Reservoir Sump Screen.	109875	Machine Frame Rotary Shaft Bushing (front) By-Pass Oil Control Screw.
81376	Feed Eccentric Cover Bracket Splash Guard.	109876	Needle Driving Shaft Bushing Locating Screw.
81388	Feed Eccentric Cover complete, for use with eccentrics of 4 stitches and above, Nos. 629(810), 1423(819), 81202, 81375, 164401, 164520, 164705-002 and two 227(809).	109898	Presser Bar Lifting Lever Stop Screw.
81389-002	Machine Frame Top Cover 164101 with 330(809) 81226-002 and two 164418.	109925(830)	Looper (left hand) Driving Shaft Crank Connection Cap (lower) Screw.
81434	Throat Plate Guide with 853(830).	109925(830)	Looper (right hand) Driving Shaft Crank Connection Cap (lower) Screw.
82256	Knife (movable) Hinged Cover Hinge.	109927(869)	Knife (movable) Lever Hinge Pin Set Screw.
82257	Knife (movable) Hinged Cover Pin.	109927(869)	Looper (right hand) Carrier Hinge Pin Set Screw.
82259	Knife (movable) Hinged Cover Spring.	109927(869)	Looper (right hand) Carrier Connecting Link Hinge Pin Set Screw.
82262	Chip Guard.	109935(830)	Lint Stripper Screw.
82263	Feed Lifting and Knife (movable) Eccentric.	113149	Machine Frame Rotary Shaft Nut.
82268-001	Thread (needle) Controller Lever.	132583	Knife (movable) Lever Hinge Pin with 132584.
82270	Thread (needle) Controller.	132584	Knife (movable) Lever Hinge Pin Oil Wick.
82271	Presser Bar Bracket.	139026	Machine Frame Rotary Shaft Ball Bearing.
82272	Knife (movable) Lever with 109927(869).	140050(803)	Knife (movable) Clamp Screw.
82273-001	Knife (movable) Lever 82272 with 82268-001 82271, 132583 and 164035.	140077(819)	Gathering Device Indicator Plate Screw.
82274	Knife (movable) Lever Cover and Presser Bar (upright) Housing with 460(830).	140082(805)	Oil Reservoir Sump Screen Cover Screw.
82277	Knife (movable) Lever Cover and Presser Bar (upright) Housing complete. Nos. 50060(810), 82259, 82274, 82281, 90435, 93929, 164137, 164139, 164142, 164143, 164194, 164416 and two 50318.	140088(805)	Knife (stationary) and Needle Guard Holder Sleeve Screw.
82281	Thread Eyelet (needle thread).	140088(813)	Machine Frame Oil Lead Screw.
82295	Looper (right hand) Driving Lever Complete Nos. 1700(809), 93590 and 109795.	140159(830)	Looper (left hand) Driving Shaft Crank Connection Cap (upper) Screw.
82296	Machine Frame (not illustrated).	140159(830)	Looper (right hand) Driving Shaft Crank Connection Cap (upper) Screw.
82297	Machine Frame Oil Lead.	140180(809)	Gathering Plate (swing-up) Lifter Lever Screw.
82298	Machine Frame Oil Splash Guard (internal) complete, Nos. 165156 and 165157.	140185(819)	Gathering Device Lever and Indicator Hinge Screw.
82299	Machine Frame Oil Splash Guard (top).	140346(830)	Machine Frame Oil Lead Plug Bracket Set Screw.
82301	Machine Frame Rotary Shaft.	140393(830)	Looper (left hand) Carrier Holder Set Screw (right) (not illustrated).
82303	Machine Frame Rotary Shaft 82301 with 82306, 93515, 93531, 93534, 93535, 165245 and two 164232.	140394(805)	Looper (left hand) Driving Shaft Bushing (back) Cap Screw.
82306	Machine Frame Rotary Shaft Key.	140394(805)	Looper (right hand) Driving Shaft Bushing (back) Cap Screw.
82310	Needle Driving Shaft Bushing.	140395(805)	Machine Frame Bracket Screw (small).
82311	Needle Driving Shaft Bushing Cap.	140396(805)	Machine Frame Bracket Screw (large).
82329	Oil Cooler with 50504(830), 81228 and two 164125.	140416(819)	Machine Pulley Cap Screw.
82330	Presser Bar (swing-out).	140509(809)	Chip Guard Screw (upper).
82333	Thread (looper) Plate complete, Nos. 1423(809), 1443(809), 1607(809), 50318(818), 164163, 164165, 164166, 164167, 164173, 164206, 164449, two each 332(809) and 164171.		

<u>Part No.</u>	<u>Description</u>	<u>Part No.</u>	<u>Description</u>
140510(803)	Presser Bar (swing-out) Pivot Screw.	164155	Tension (heavy) Regulating Thumb Nut.
140596(830)	Looper (left hand) Carrier Holder Set Screw (left).	164155	Tension (light) Regulating Thumb Nut.
140596(830)	Looper (right hand) Driving Lever Set Screw.	164156	Tension (heavy) Screw Stud 50133(803) and 164155.
140596(830)	Needle Driving Shaft Crank Set Screw.	164156	Tension (light) Screw Stud 50133(803) and 164155.
140764(819)	Gathering Device Lever and Indicator Guide Plate Screw.	164157	Tension (light) Spring.
140788(803)	Knife (stationary) Clamping Gib Screw.	164158	Tension (heavy) Spring Cover.
164002	Cloth Plate Extension.	164158	Tension (light) Spring Cover.
164003	Feed Bar Hinge Pin (eccentric).	164159	Tension (needle thread) Thread Guide.
164004	Feed Bar Slide Block (back).	164160	Tension (light) complete, Nos.59537, 164157, 164158 and two 2102.
164006	Feed (front) Bar with 164010.	164161	Tension (heavy) Spring.
164007	Feed (back) Bar Connection.	164162	Tension (heavy) complete, Nos.59537, 164156, 164158, 164161 and two 2102.
164008	Feed (back) Bar Connection Bearing.	164163	Thread (looper, right hand) Stripper and Take-up Eyelet (adjustable).
164009	Feed (back) Bar Connection Hinge Screw Stud.	164163	Thread (looper, right hand) Thread Eyelet (stationary).
164010	Feed (back) Bar Connection Hinge Screw Stud Position Pin (not illustrated).	164165	Thread (looper, right hand) Tube.
164010	Feed (front) Dog Controlling Lever Connection Hinge Screw Nut Pin (not illustrated).	164166	Thread (looper) Plate with 624(830).
164012	Feed (back) Dog Section (right) 7 teeth (20 teeth to the inch).	164167	Thread (looper) Plate Cover.
164023	Feed Eccentric Oil Wick (not illustrated).	164168	Thread (looper) Plate Cover Hinge.
164027	Knife (movable) Clamp.	164169	Thread (looper) Plate Cover Hinge Pin.
164028	Knife (movable) Guard (lower).	164170	Thread (looper) Plate Cover Spring.
164029-003	Knife (movable) Holder.	164171	Thread (looper) Plate Thread Bushing.
164030	Knife (movable) Holder Screw Bearing.	164173	Thread (looper) Take-up (left).
164034	Knife (movable) Lever Hinge Stud.	164175	Thread (looper) Take-up Plate.
164035	Knife (movable) Lever Hinge Stud 164034 with 164036 and 164269.	164176	Knife (movable) Lever Guide Holder Thread Tube.
164036	Knife (movable) Lever Hinge Stud Oil Wick (long).	164182	Pressure Regulating Thumb Nut.
164042	Knife (stationary) and Needle Guard Holder Sleeve.	164194	Looper (left hand) Stop Pin.
164043	Knife (stationary) and Needle Guard Holder Spring.	164202	Cloth Plate Lock Spring.
164046	Looper (left hand) Carrier with 460(830) 50379(806) and 164202.	164205	Thread (looper) Plate Cover 164168 with 164169 and 164170.
164048	Looper (left hand) Driving Shaft.	164206	Machine Frame Bracket Key.
164049	Looper (left hand) Driving Shaft Bushing (back).	164219	Looper (right hand) Position Collar with 904(830).
164049	Looper (right hand) Driving Shaft Bushing (back).	164231	Machine Pulley with two 448(830).
164051	Looper (left hand) Driving Shaft Crank with 1083(803).	164232	Machine Frame Rotary Shaft Ball Sleeve Guide.
164053	Looper (left hand) Driving Shaft Crank Thrust Bearing.	164269	Knife (movable) Lever Hinge Stud Oil Wick (short) (not illustrated).
164053	Looper (right hand) Driving Shaft Crank Thrust Bearing.	164285	Tension (looper thread) Thread Guide (left).
164063	Looper (right hand) Driving Shaft.	164286	Tension (looper thread) Thread Guide (right).
164066	Looper (right hand) Driving Shaft Crank with 1083(803).	164293	Looper (left hand) Driving Shaft Bushing (back) Cap Screw Washer.
164067	Looper (left hand) Driving Shaft Crank Key.	164293	Looper (right hand) Driving Shaft Bushing (back) Cap Screw Washer.
164067	Looper (right hand) Driving Shaft Crank Key.	164351	Presser Bar (swing-out) Pivot Screw Locking Plate.
164068	Looper (right hand) Locking Screw Stud.	164401	Feed Eccentric Cover Latch Spring.
164071	Machine Pulley Cap.	164416	Presser Bar (upright) Spring (heavy).
164077	Machine Frame Bracket Screw (large) Washer (fibre).	164418	Tension Thread Eyelet.
164082	Machine Frame Oil Lead Plug Bracket.	164449	Thread (looper, right hand) Thread Eyelet (movable).
164091	Thread (looper, right hand) Stripper and Take-up with 164555.	164458	Knife (movable) Guard (upper).
164096	Machine Frame Rotary Shaft Counterbalance with 1036(830).	164462	Lint Stripper with 109935(830).
164098	Machine Frame Rotary Shaft Oil and Ball Bearing Grease Retainer.	164520	Feed Eccentric Cover.
164099	Machine Frame Rotary Shaft Screw Stud.	164525	Knife (stationary) and Needle Guard Holder Spring Stud.
164100	Machine Frame Rotary Shaft Thrust Bearing.	164555	Thread (looper, right hand) Stripper and Take-up Guide Wire.
164101	Machine Frame Top Cover.	164556	Knife (movable).
164102	Machine Frame Top Cover Gasket.	164590	Knife (stationary) and Needle Guard Holder Adjusting Stud.
164104	Cloth Plate Plunger.	164660	Looper (left hand) Carrier Holder with 1083(803), 140393(830) and 140596(830).
164105	Cloth Plate Plunger Spring.	164661	Looper (left hand) Carrier Holder 164660 with 1324(803), 59456 and 164046.
164106	Cloth Plate Position Collar with two 624(830).	164664	Feed (front) Dog Controlling Lever Connection Bearing.
164114	Needle Driving Shaft Crank with 1083(803) and two 140596(830).	164665	Feed (front) Dog Controlling Lever Connection Hinge Screw Stud.
164115	Needle Driving Shaft Crank Ball.	164686	Feed Bar Hinge Pin Collar with two 735(830).
164121	Oil Cooler Cover.	164687	Feed (back) Bar with 164010.
164122	Oil Cooler Cover Gasket.	164690	Feed (front) Dog Controlling Lever.
164123	Oil Cooler Cover 164121 with 164155.	164691	Feed (front) Dog Controlling Lever Ball Joint.
164124	Oil Cooler Gasket.	164692	Feed (front) Dog Controlling Lever Ball Joint Position Plate (back).
164125	Oil Cooler Oil Pipe (outlet, left).	164693	Feed (front) Dog Controlling Lever Ball Joint Position Plate (front).
164125	Oil Cooler Oil Pipe (outlet, right).	164694	Feed (front) Dog Controlling Lever Connection.
164132	Machine Frame Oil Drip Sight Gauge Window Gasket.	164695	Feed (front) Dog Controlling Lever Connection Stud.
164133	Machine Frame Oil Drip Sight Gauge Window.	164696	Feed (front) Dog Controlling Lever Segment.
164134	Machine Frame Oil Drip Sight Gauge Window Gasket Retainer.	164697	Feed (front) Dog Controlling Lever Segment 164696 with 164700 and two 50388(830).
164135	Oil Cup for filling machine.	164698	Feed (front) Dog Controlling Lever Segment 164697 with 1454(806), 164701, 164702 and 164703.
164137	Presser Bar Lifting Bracket with 462(830) 624(830) and 51846.	164699	Feed (front) Dog Controlling Lever Segment Bracket.
164139	Presser Bar Lifting Lever Spring.	164700	Feed (front) Dog Controlling Lever Segment Bracket 164699 with 1700(819) and 164695.
164141	Presser Bar (swing-out) Lifting Screw Stud.	164701	Feed (front) Dog Controlling Lever Segment Guide (not illustrated).
164142	Presser Bar (swing-out) Opening Lever.	164702	Feed (front) Dog Controlling Lever Segment Guide Adjusting Cam.
164143	Presser Bar (upright).	164703	Feed (front) Dog Controlling Lever Segment Guide Adjusting Cam Roller.
164144	Presser Bar (upright) Spring (not illustrated).		
164146	Presser Foot Chaining-off Finger.		
164147	Presser Foot Clamping Plate.		



<u>Part No.</u>	<u>Description</u>
164704-002	Feed Eccentric Cover Bracket.
164705-002	Feed Eccentric Cover Bracket 164704-002 with 164023.
164707	Gathering Device Indicator Plate.
164708	Gathering Device Lever and Indicator.
164710	Gathering Device Lever and Indicator Guide Plate.
164711	Gathering Device Lever and Indicator Spring.
164712	Gathering Device Lever and Indicator Stop (lower).
164713	Gathering Device Lever and Indicator Stop (upper).
164717	Machine Frame Cover (back).
164718-002	Machine Frame Cover (back) 164717 with 1637(810), and 109898(803) (not illustrated).
164728	Knife (stationary).
164744	Knife (stationary) Clamping Gib.
164745	Knife (stationary) and Needle Guard Holder Body with two 50611(803).
164856	Gathering Device Lever and Indicator 164708 with 164691, 164692, 164693, two 190(819) and 66707.
164866	Feed (back) Dog Section (left).
164867	Feed (back) Dog complete, Nos.1100(830), 164012 and 164866.
164871	Gathering Plate (swing-up).
164872	Gathering Plate (swing-up) Holder.
164873	Gathering Plate (swing-up) Holder Housing with 50292(803).
164874	Gathering Plate (swing-up) Holder Housing Support.
164875	Gathering Plate (swing-up) Holder Housing Support Joint.
164876	Gathering Plate (swing-up) Lifter.
164877	Gathering Plate (swing-up) Tension Spring (not illustrated).
164878	Gathering Plate (swing-up) Tension Spring Pressure Adjusting Head (hexagon).
164887	Presser Foot Body.
164888	Presser Foot complete, Nos.50225(809), 164146, 164147 and 164887.
165034	Gathering Plate (swing-up) Lifting Lever with 853(830).
165055	Looper (left hand) Thread Tube.
165058	Needle Guard.
165059	Needle Guard Holder.
165062	Knife (stationary) and Needle Guard Holder.
165063	Knife (stationary) and Needle Guard Holder (adjustable) complete, Nos.742(806), 164745 and 165062.
165064	Knife (stationary) and Needle Guard Holder (adjustable) with Gib complete, Nos.3146, 140788(803) 164744 and 165063.
165110	Feed (front) Dog, 3 teeth (12 teeth to the inch).
165134	Feed Bar Slide Block (front).
165149	Machine Frame Bracket.
165150	Machine Frame Bracket 165149 with 164207 and two 187(805).
165151	Machine Frame Bracket Oil Screen.
165152	Machine Frame Oil Screen.
165153	Machine Frame Oil Tube.
165154	Machine Frame Oil Tube Wick.
165156	Machine Frame Oil Splash Guard (internal) Oil Wick.
165157	Machine Frame Oil Splash Guard (internal) Oil Wick Fastener.
165160	Machine Frame Wearing Plate Spacer.
165170	Machine Frame Rotary Shaft Bushing (front).
165171	Machine Frame Rotary Shaft Bushing, (intermediate).
165173	Oil Reservoir with 165232.
165185	Machine Frame Oil Tube Nos.165153 and 165154.
165207	Feed (back) and (front) Bars with Controlling Lever complete, Nos.164006, 164007, 164008, 164009, 164664, 164665, 164687, 164690, 164694, 164698, 165134, two each 1671(803) and 164004.
165232	Oil Reservoir Oil Sight Gauge (lucite).
165237	Oil Reservoir Lint Guard (front).
165238	Machine Frame Rotary Shaft Ball Bearing Housing.
165239	Machine Frame Rotary Shaft Ball Bearing Housing Gasket.
165240	Machine Frame Rotary Shaft Bushing (intermediate) Oil Screen.
165245	Needle Driving Shaft Crank Connection with 164115, two each 157(830) and 171(830).
175032	Knife (stationary) and Needle Guard Holder Sleeve Screw Washer.
931084	Cloth Plate Extension Screw Nut Lock Washer.
931084	Cloth Plate Lock Spring Nut Lock Washer.